IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 – 19.   Canceled.

20(New).   A method of communication in a frequency hopping wireless network comprising:

initiating communication from a master device to a slave device on a first channel; and

responding to the master device from the slave device on the first channel.

21(New).   A method according to claim 21, wherein the slave responding to the master device comprises:

transmitting a packet to the master device on the first channel, wherein the first channel is used for transmission during entire length of the packet.

22(New).   A method according to claim 21, wherein the initiating communication from the master device comprises sending data to the slave device in a first time slot on the first channel, and the packet from the slave device is transmitted in a second time slot immediately following the first time slot on the first channel.

23(New).   A method according to claim 20, wherein the wireless network is a Bluetooth wireless network.

24(New).   A method according to claim20, wherein the first channel is selected via a random hopping sequence.

25(New).   The method of claim 20 wherein the first channel is selected via an intelligent frequency hopping sequence.

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26(New).   A system for communication in a frequency hopping wireless network comprising:

a master device; and

at least one slave device communicatively coupled to the master device, wherein the

master device is configured to initiate communication with the slave device on a first channel; and

the slave device is configured to transmit data to the master device on the first channel in response to the master device initiating the communication.

27(New).   A system according to claim 26, wherein the slave device is further configured to:

transmit a packet to the master device on the first channel, wherein the first channel is used for transmission during entire length of the packet.

28(New).   A system according to claim 26, wherein the master device is further configured to send data to the slave device in a first time slot on the first channel, and the slave device is further configured to transmit the packet in a second time slot immediately following the first time slot on the first channel.

29(New).   A system according to claim 26, wherein the wireless network is a Bluetooth wireless network.